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**TRANSMITTAL  
FORM**

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Total Number of Pages in This Submission	13	Application Number	09/810,501
		Filing Date	March 19, 2001
		First Named Inventor	Prem S. PAUL et al.
		Art Unit	1648
		Examiner Name	Shanon A. Foley
		Attorney Docket Number	704627-5002

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
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**Remarks**

☒ **THE PATENT OFFICE IS HEREBY AUTHORIZED TO  
CHARGE ANY NECESSARY FEE OR CREDIT ANY OVER  
PAYMENT TO DEPOSIT ACCOUNT NO. 50-2518.**

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm	Bingham McCutchen LLP		
Signature			
Printed Name	Sharon E. Crane, Ph.D.		
Date	July 13, 2005	Reg. No.	36,113

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature			
Typed or printed name		Date	

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Patent

Attorney's Docket No.: 704627-5002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
Prem S. PAUL et al.	)	Group Art Unit: 1648
Application No.: 09/810,501	)	Examiner: Shanon A. Foley
Filed: March 19, 2001	)	Confirmation No.: 1105
For: POLYNUCLEIC ACIDS ISOLATED	)	
FROM A PORCINE REPRODUCTIVE	)	
AND RESPIRATORY SYNDROME	)	
VIRUS (PRRSV), PROTEINS ENCODED	)	
BY THE POLYNUCLEIC ACIDS,	)	
VACCINES BASED ON THE PROTEINS	)	
AND/OR POLYNUCLEIC ACIDS, A...	)	

**AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In response to the Office Action dated June 15, 2005, please amend the above-identified patent application as follows: